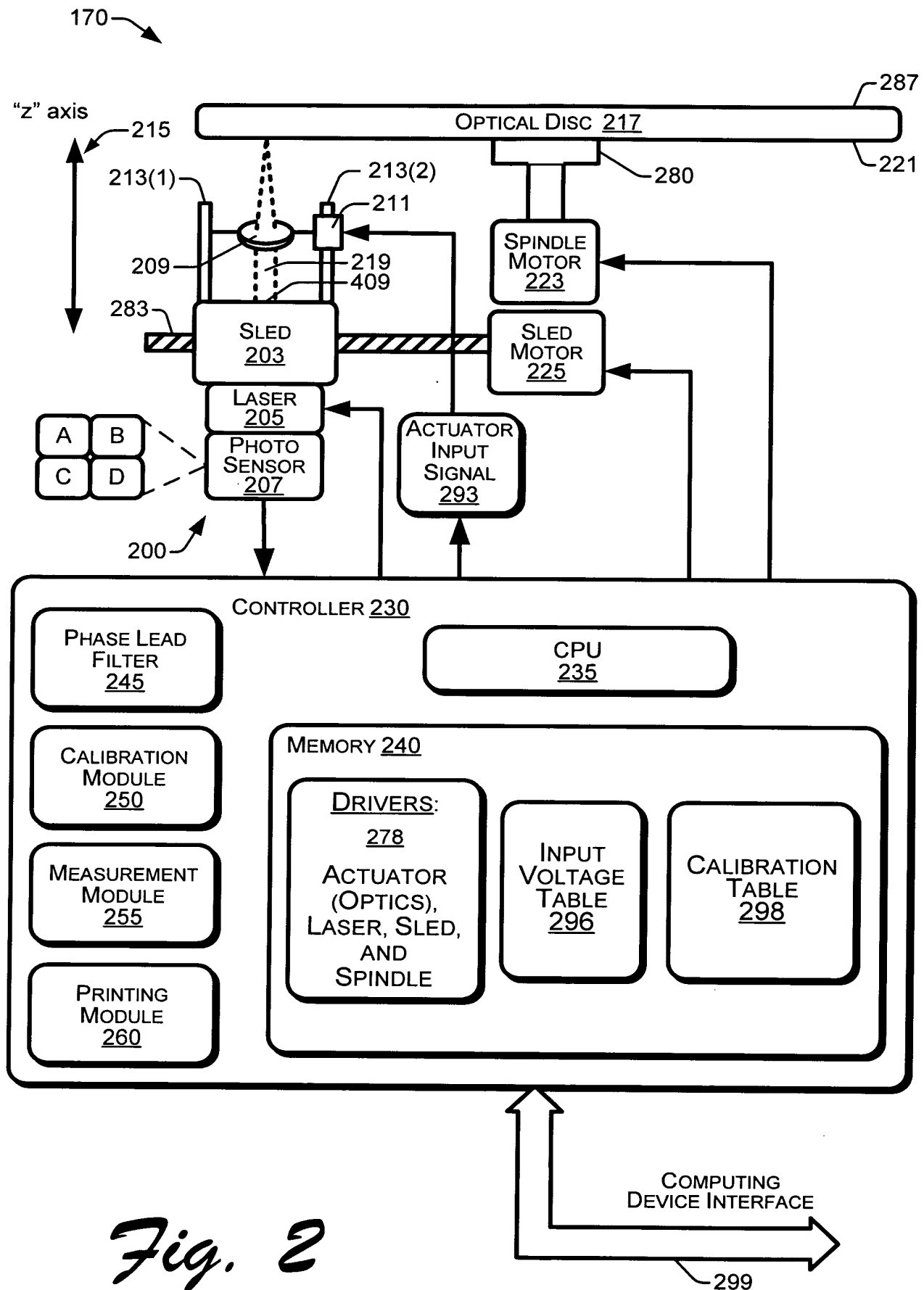


Fig. 1



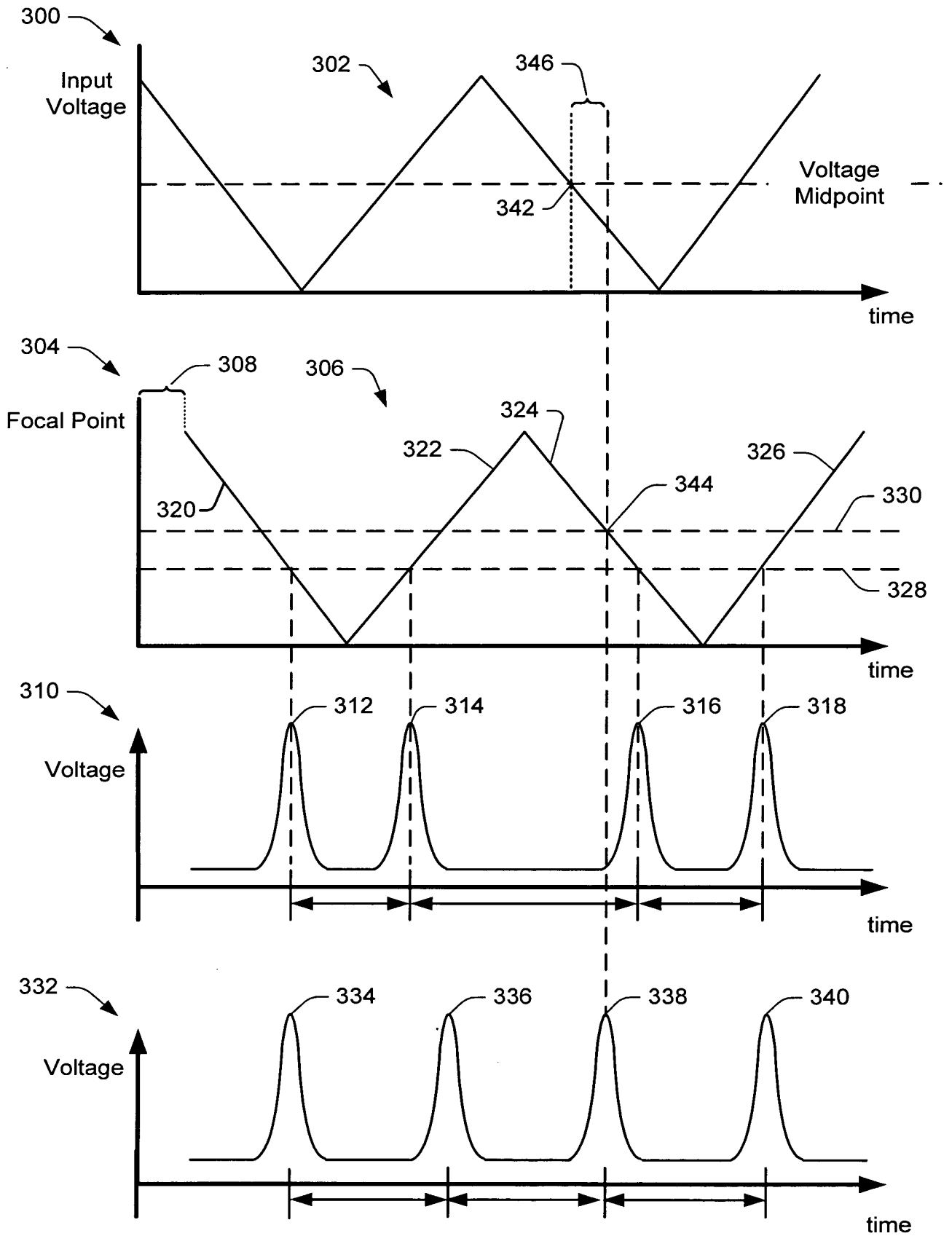


Fig. 3

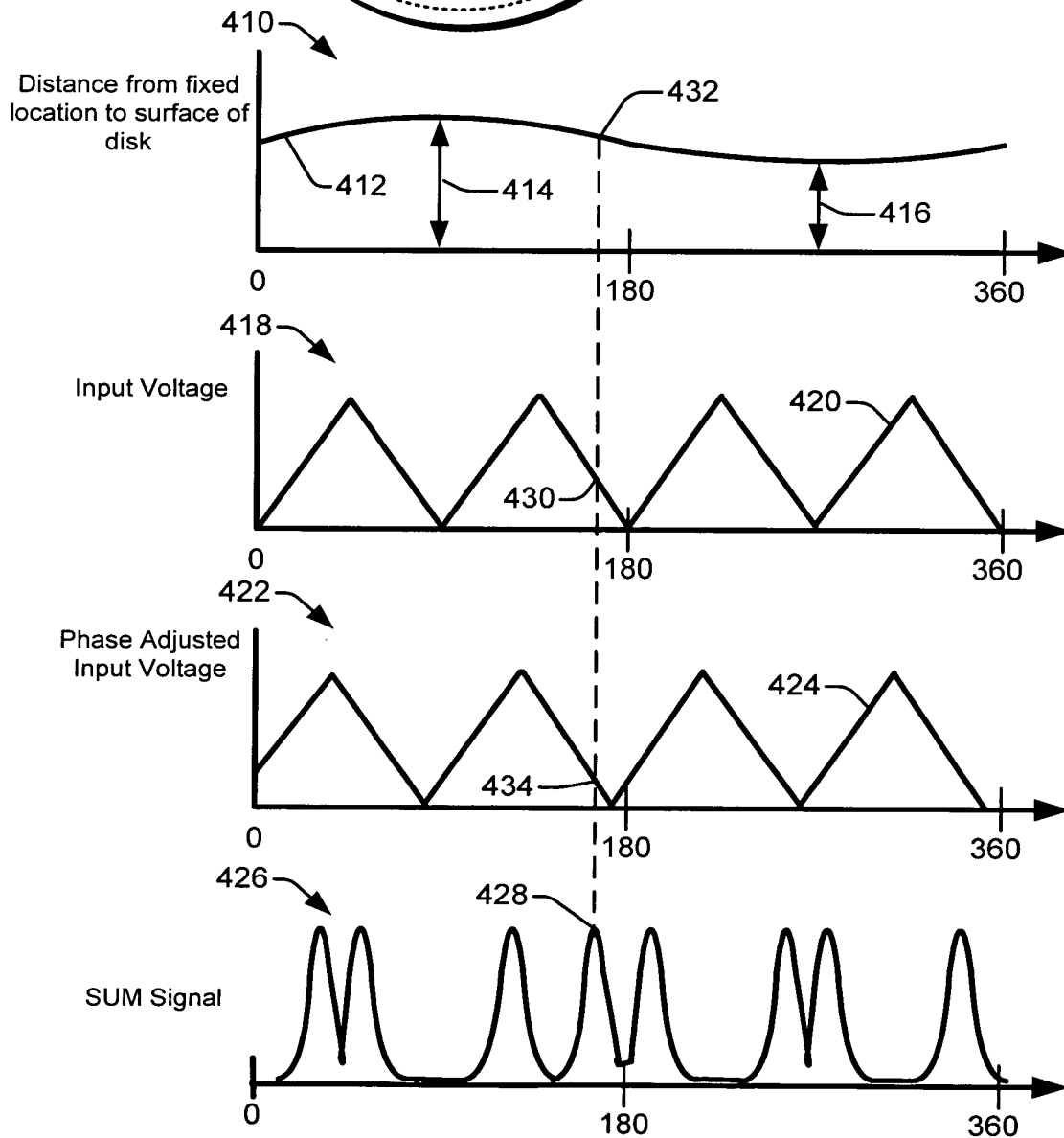
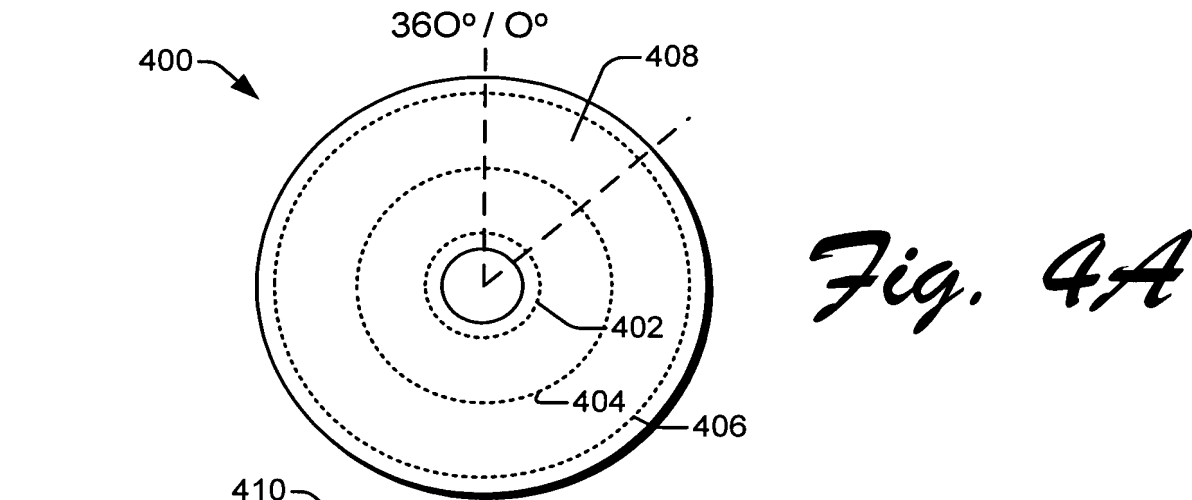


Fig. 4B

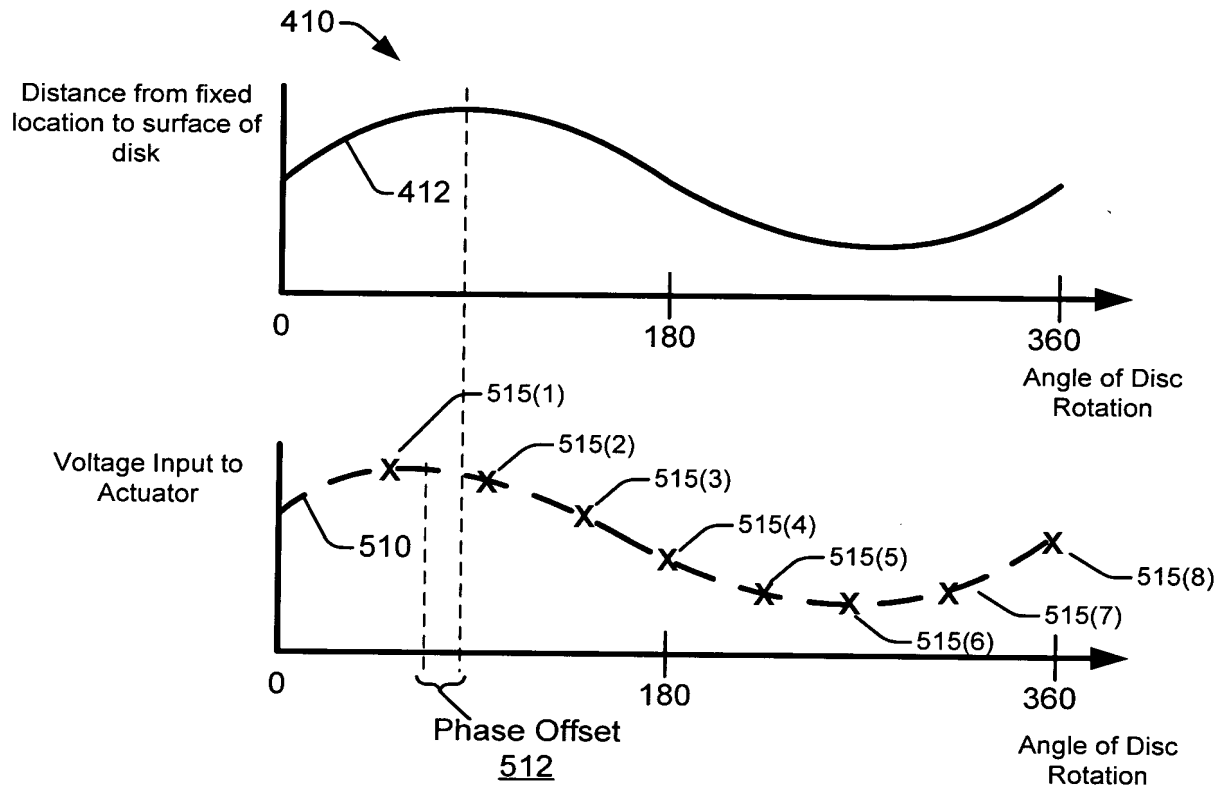


Fig. 5

Actuator Phase Lag Calibration Table 298	
Input Signal Frequency 600	Phase Lag 605
2 Hz	$\Phi = +2 \text{ deg}$
3 Hz	$\Phi = +4 \text{ deg}$
4 Hz	$\Phi = +6 \text{ deg}$
5 Hz	$\Phi = +8 \text{ deg}$

Fig. 6A

Voltage Data Look-up Table 296			
Sector of Disc 615	$0 < r < 1"$ 620	$1" < r < 2"$ 625	$2" < r < 3"$ 630
0-44 deg	$V=V_1, \Phi = \Phi_1$	$V=V_9, \Phi = \Phi_9$	$V=V_{17}, \Phi = \Phi_{17}$
45-89 deg	$V=V_2, \Phi = \Phi_2$	$V=V_{10}, \Phi = \Phi_{10}$	$V=V_{18}, \Phi = \Phi_{18}$
90-134 deg	$V=V_3, \Phi = \Phi_3$	$V=V_{11}, \Phi = \Phi_{11}$	$V=V_{19}, \Phi = \Phi_{19}$
135-179 deg	$V=V_4, \Phi = \Phi_4$	$V=V_{12}, \Phi = \Phi_{12}$	$V=V_{20}, \Phi = \Phi_{20}$
180-224 deg	$V=V_5, \Phi = \Phi_5$	$V=V_{13}, \Phi = \Phi_{13}$	$V=V_{21}, \Phi = \Phi_{21}$
225-269 deg	$V=V_6, \Phi = \Phi_6$	$V=V_{14}, \Phi = \Phi_{14}$	$V=V_{22}, \Phi = \Phi_{22}$
270-314 deg	$V=V_7, \Phi = \Phi_7$	$V=V_{15}, \Phi = \Phi_{15}$	$V=V_{23}, \Phi = \Phi_{23}$
315-360 deg	$V=V_8, \Phi = \Phi_8$	$V=V_{16}, \Phi = \Phi_{16}$	$V=V_{24}, \Phi = \Phi_{24}$

Fig. 6B

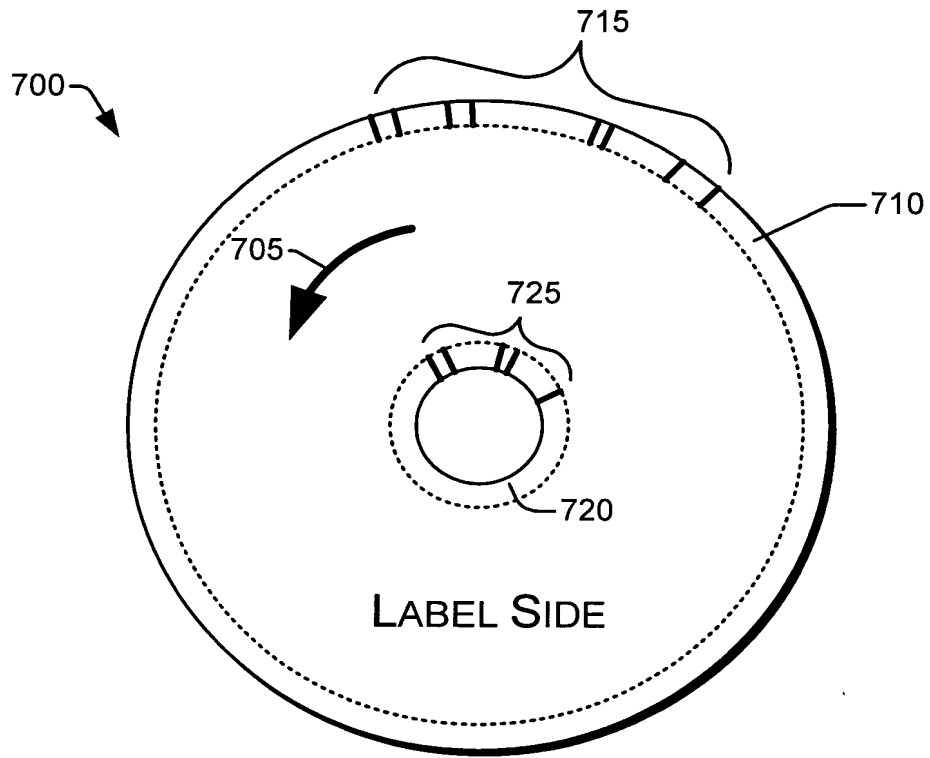


Fig. 7

800 →

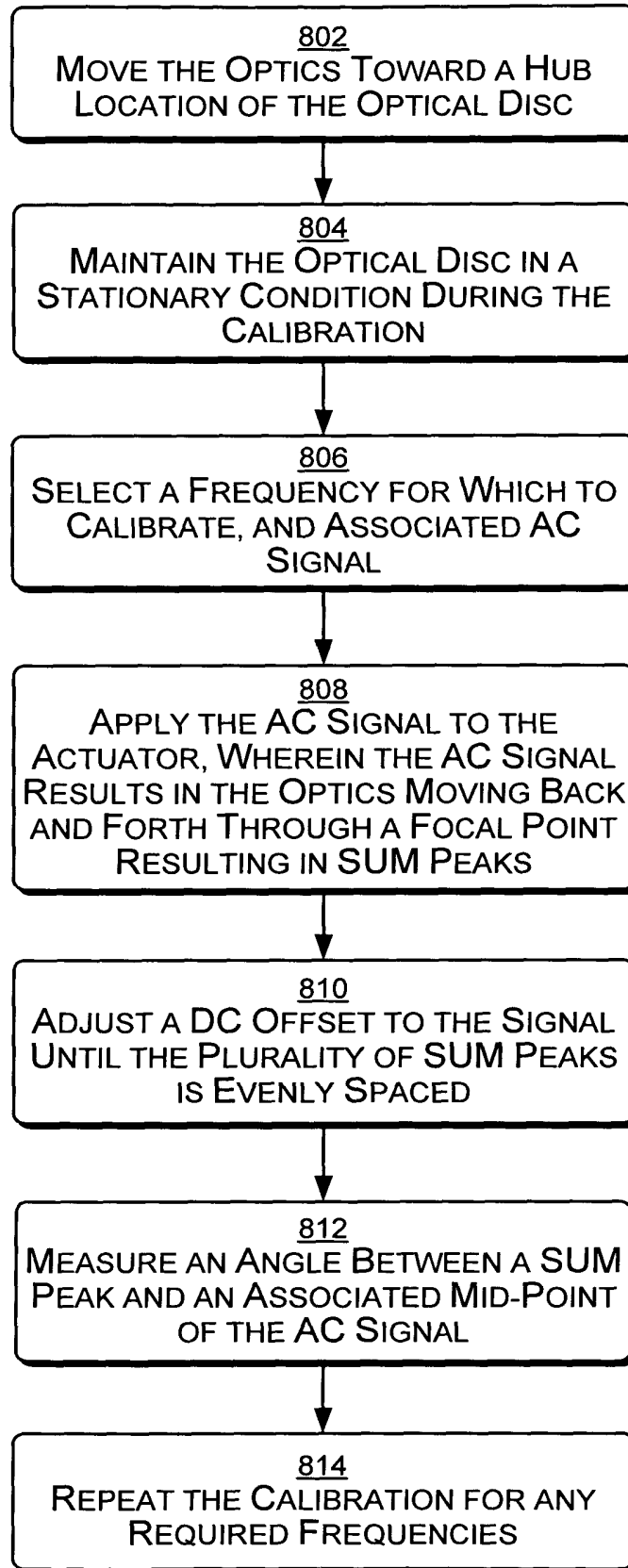


Fig. 8

900 ↗

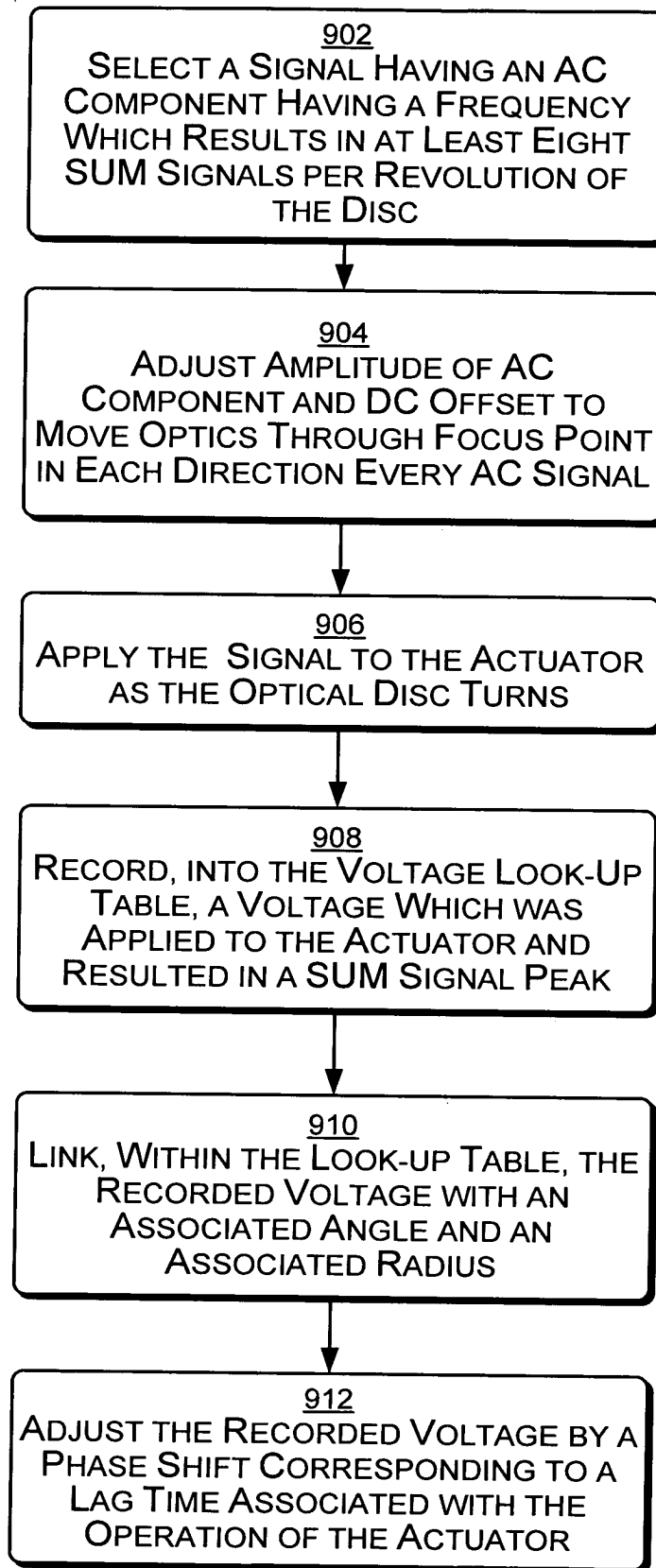


Fig. 9

1000 →

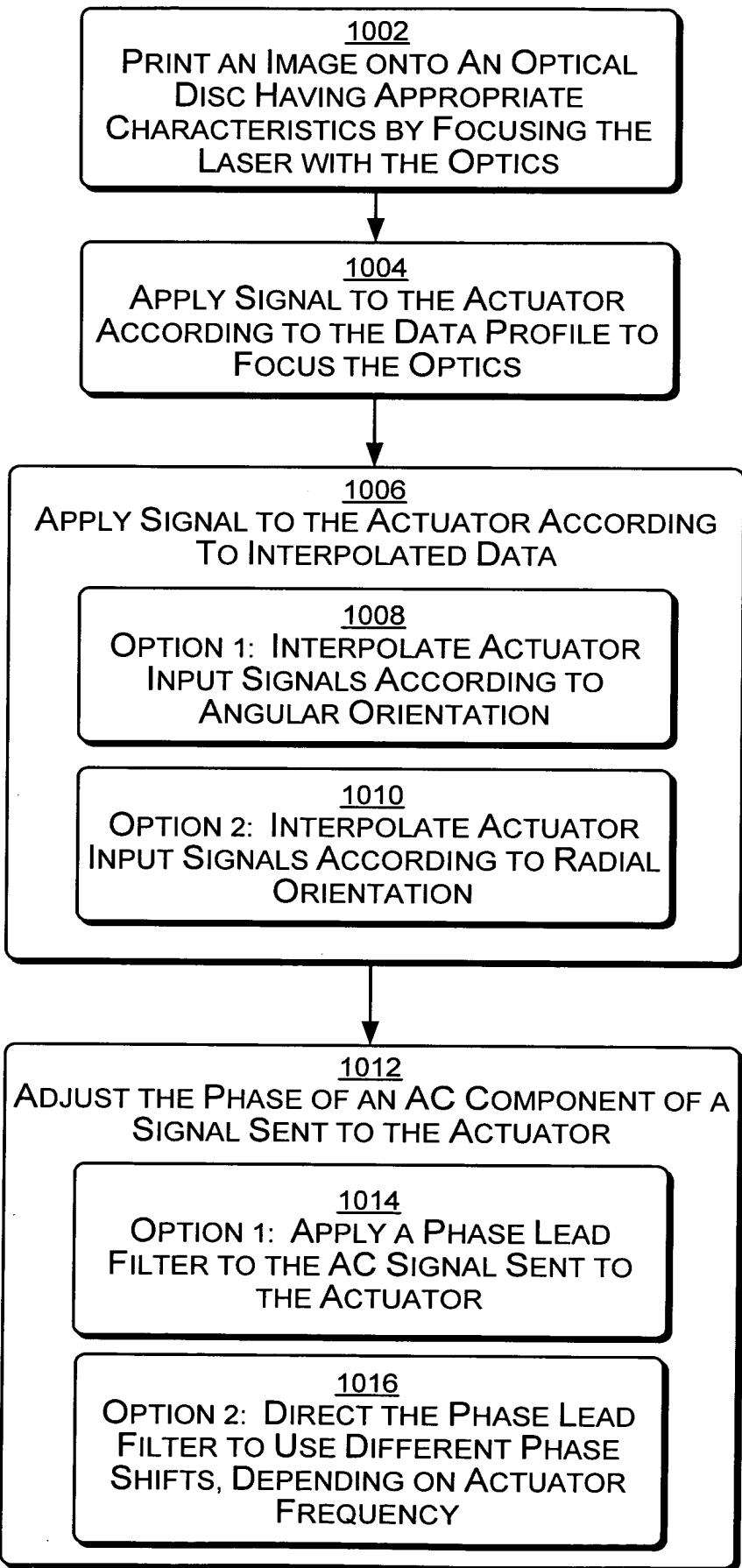


Fig. 10